

調整コイル; adjustment coil

AC 増幅器: AC amplifier

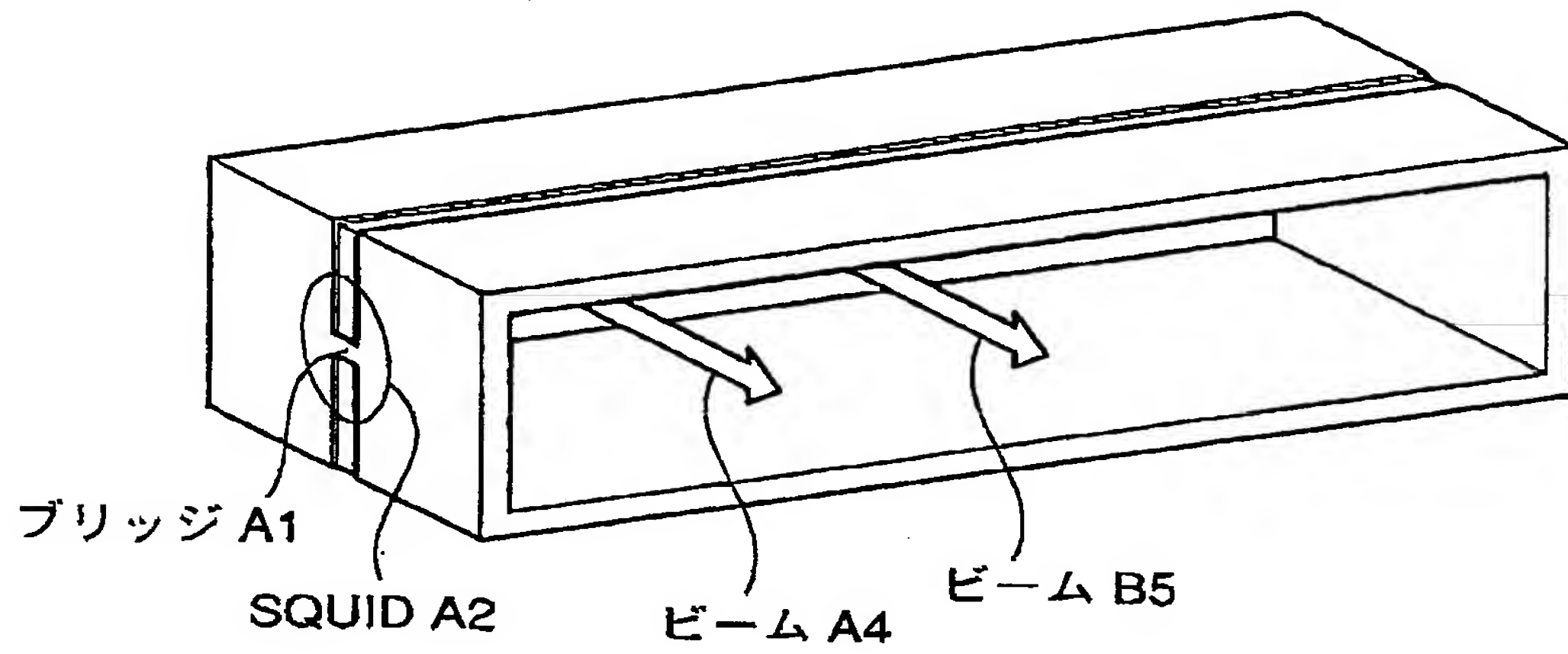
フィードバック: feed back

同期検出器: synchronous detect

調整コイル: adjusting coil

出力: output

Fig. 2



(Fig. 2)

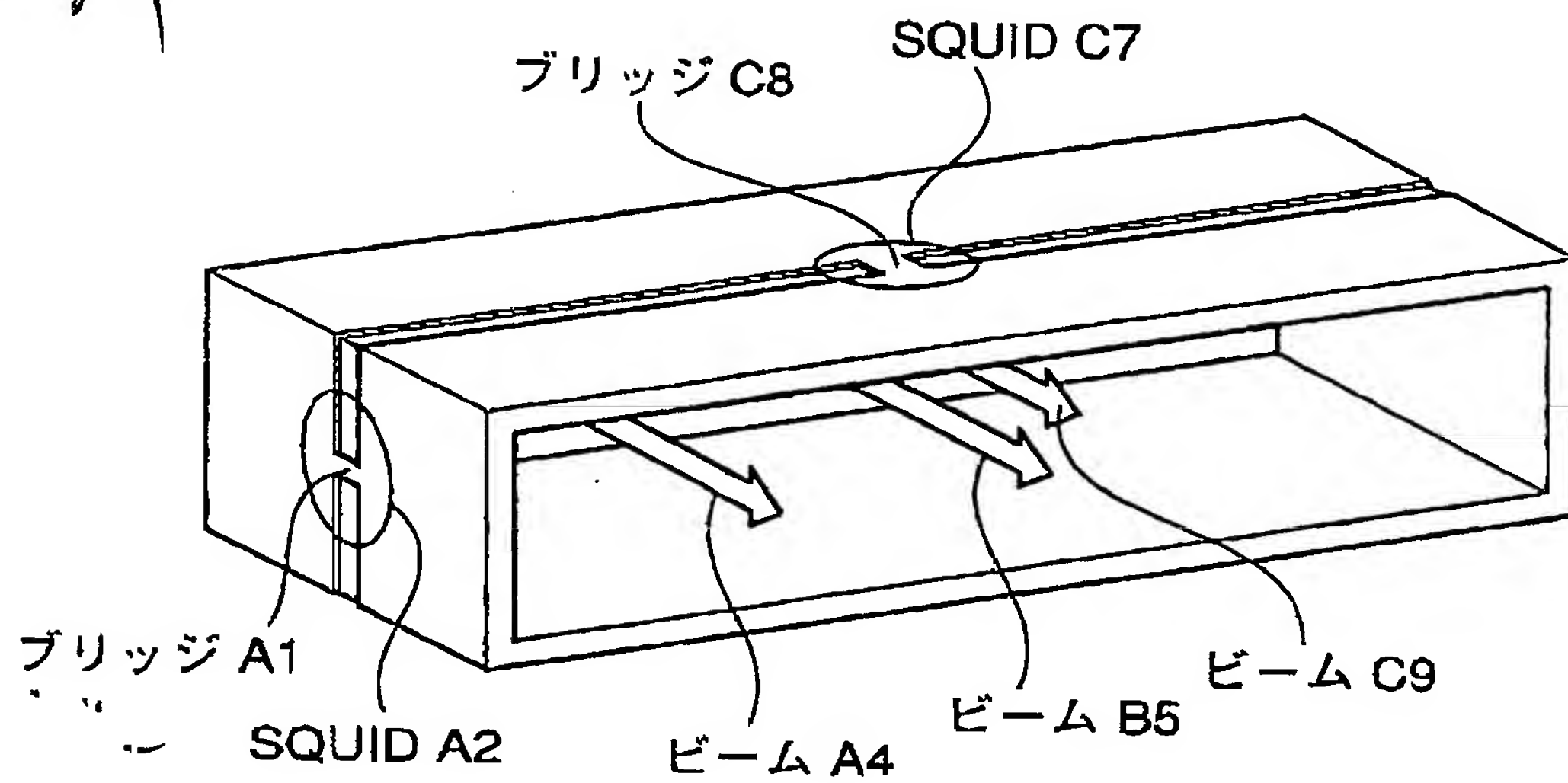
A1: bridge

A4: beam

B5: beam



Fig. 4



(Fig. 4)

A1: bridge

A4: beam

B5: beam

C8: bridge

C9: beam

Fig 5 (a)

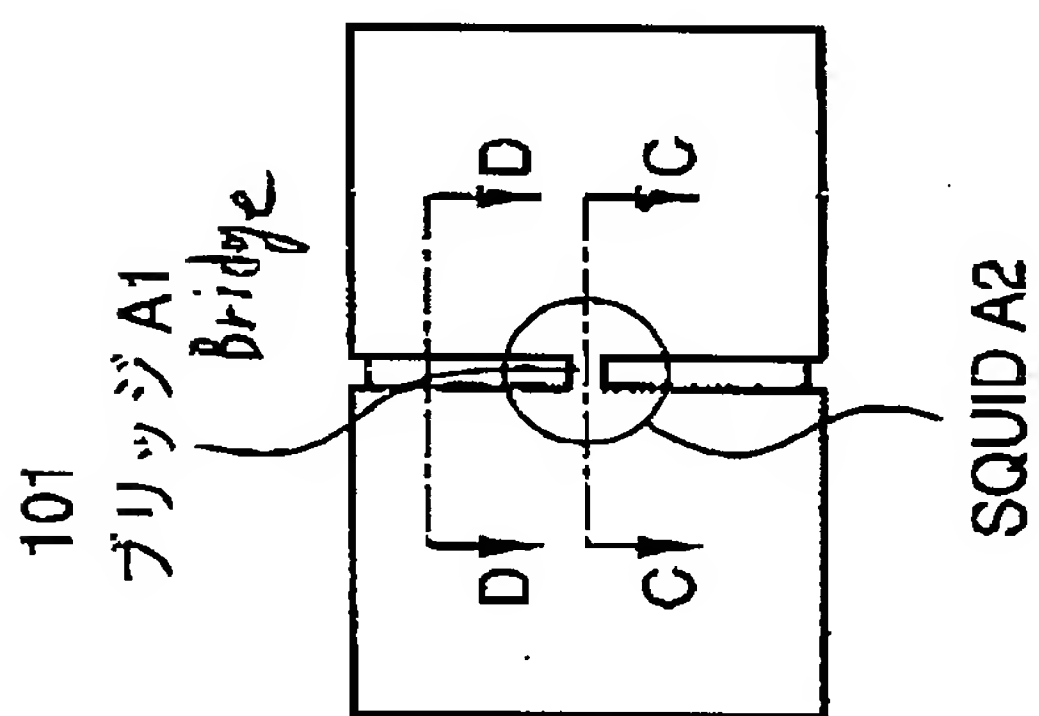
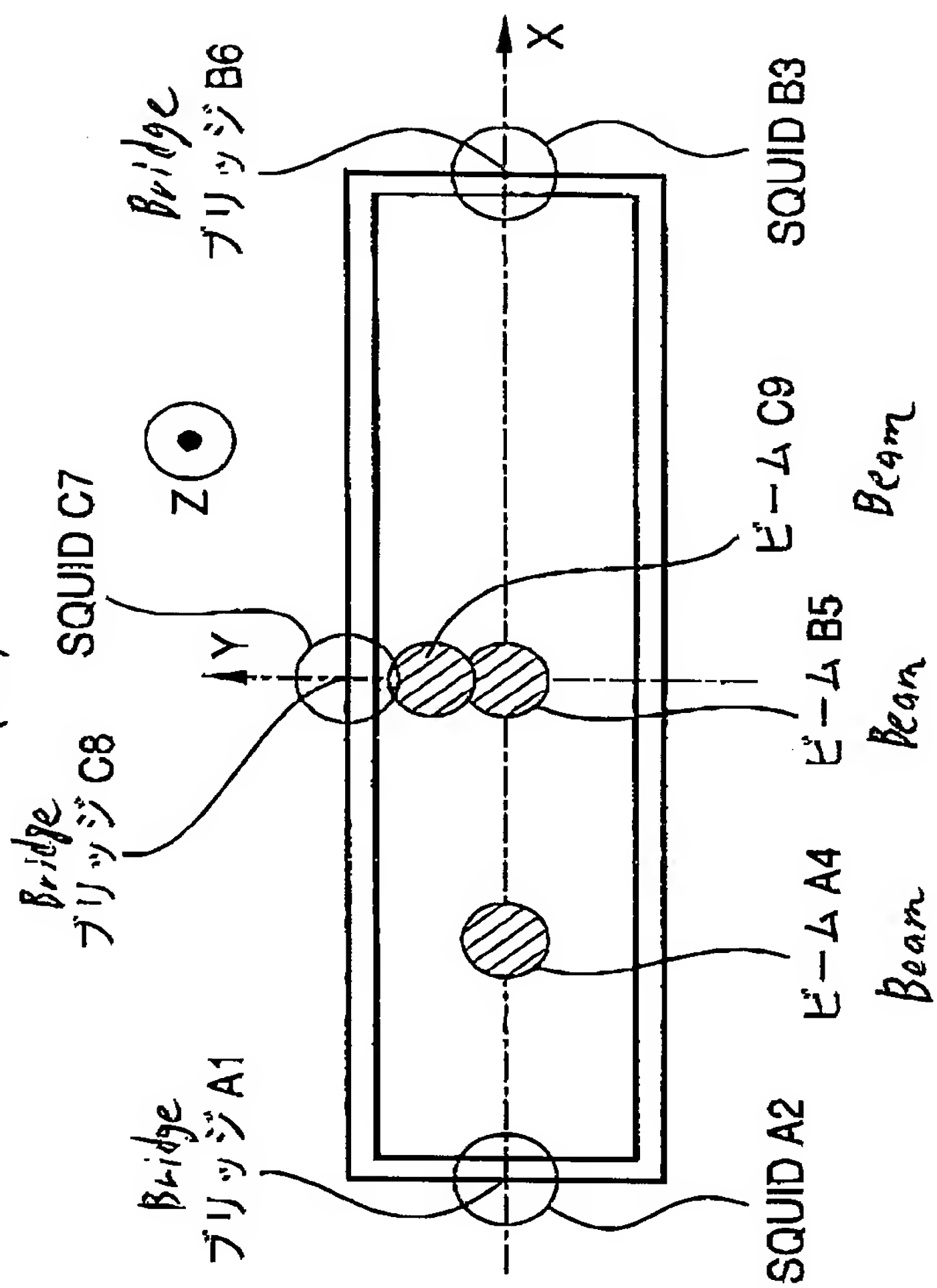
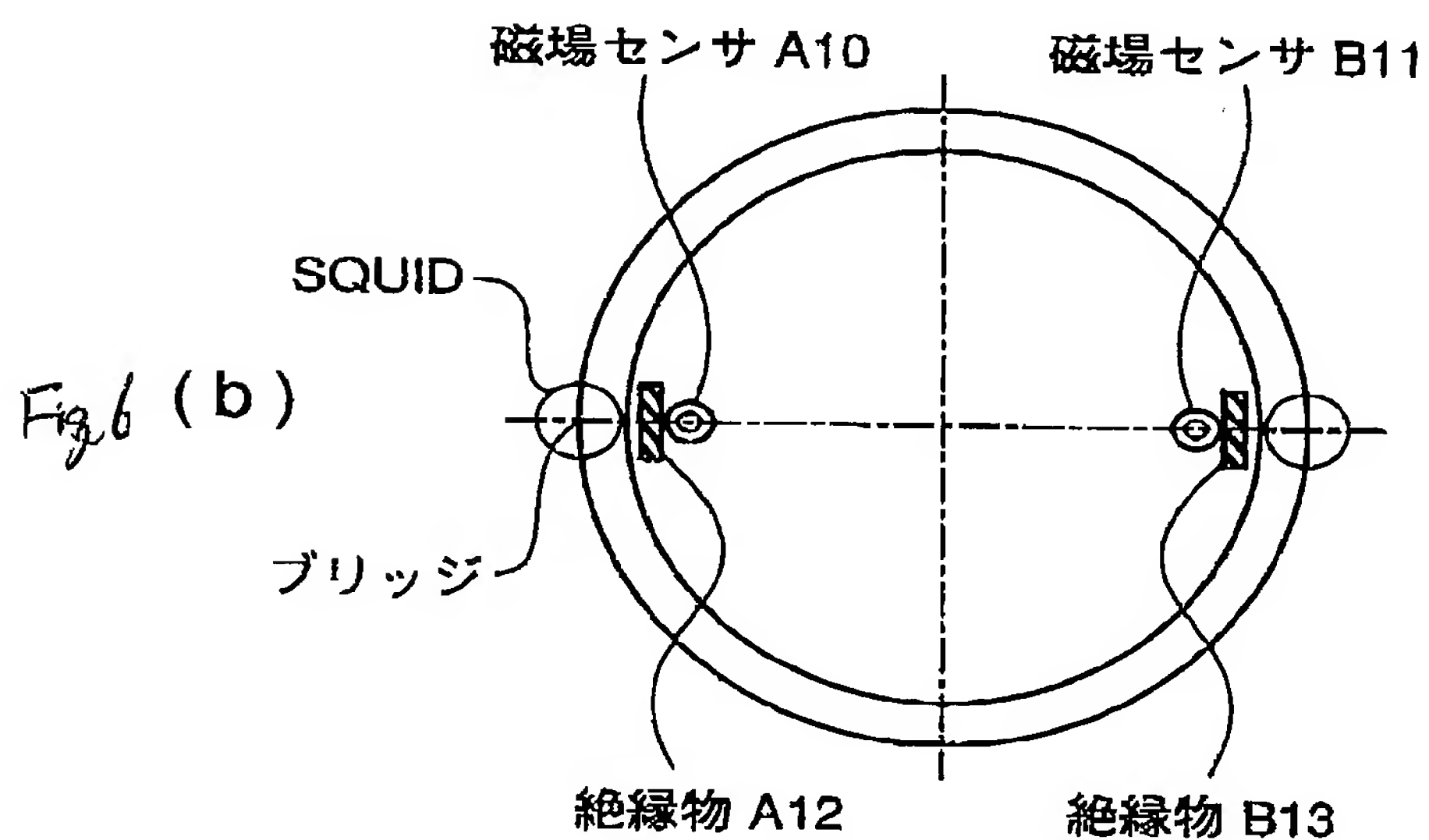
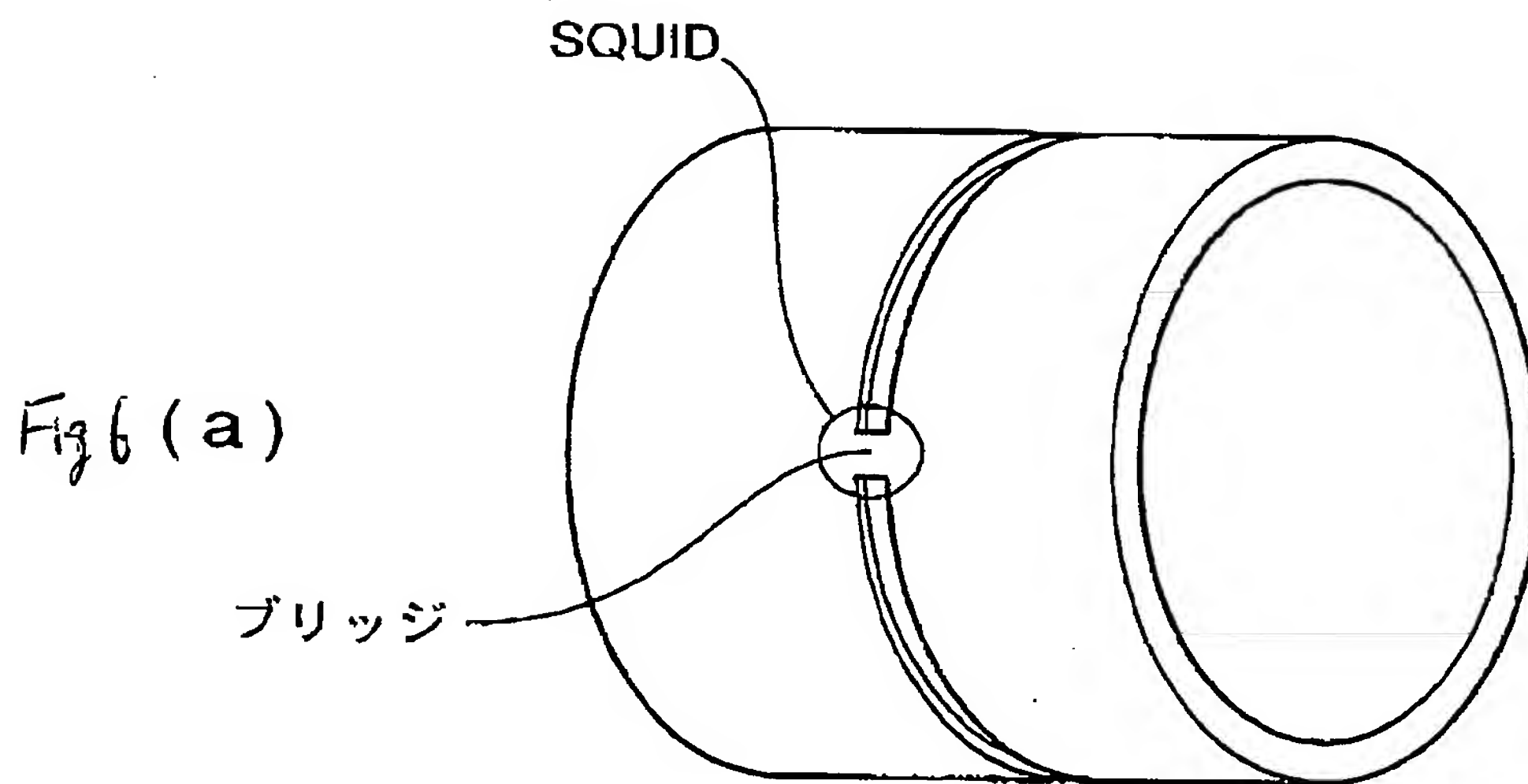


Fig 5 (b)





(Fig. 6)

(a)

ブリッジ: bridge

(b)

ブリッジ: bridge

A10: magnetic field sensor

A12: insulator

B11: magnetic field sensor

B13: insulator

Fig. 7

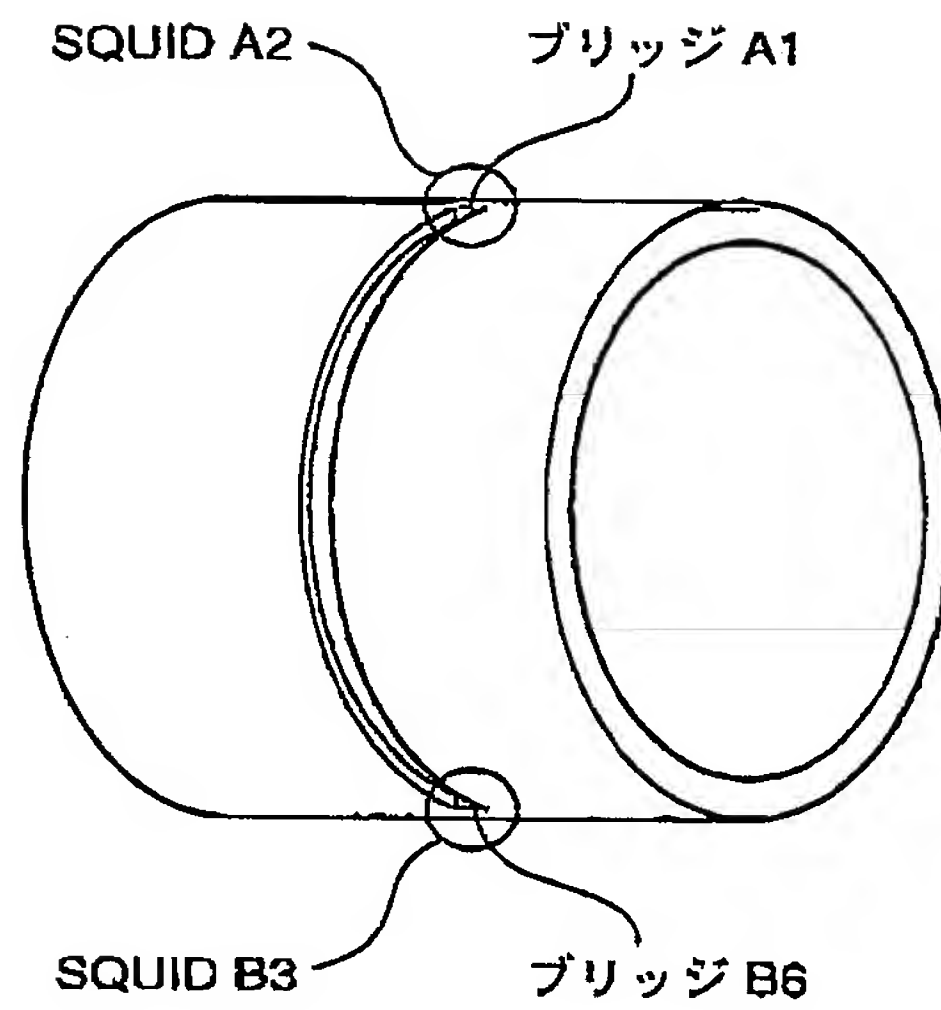
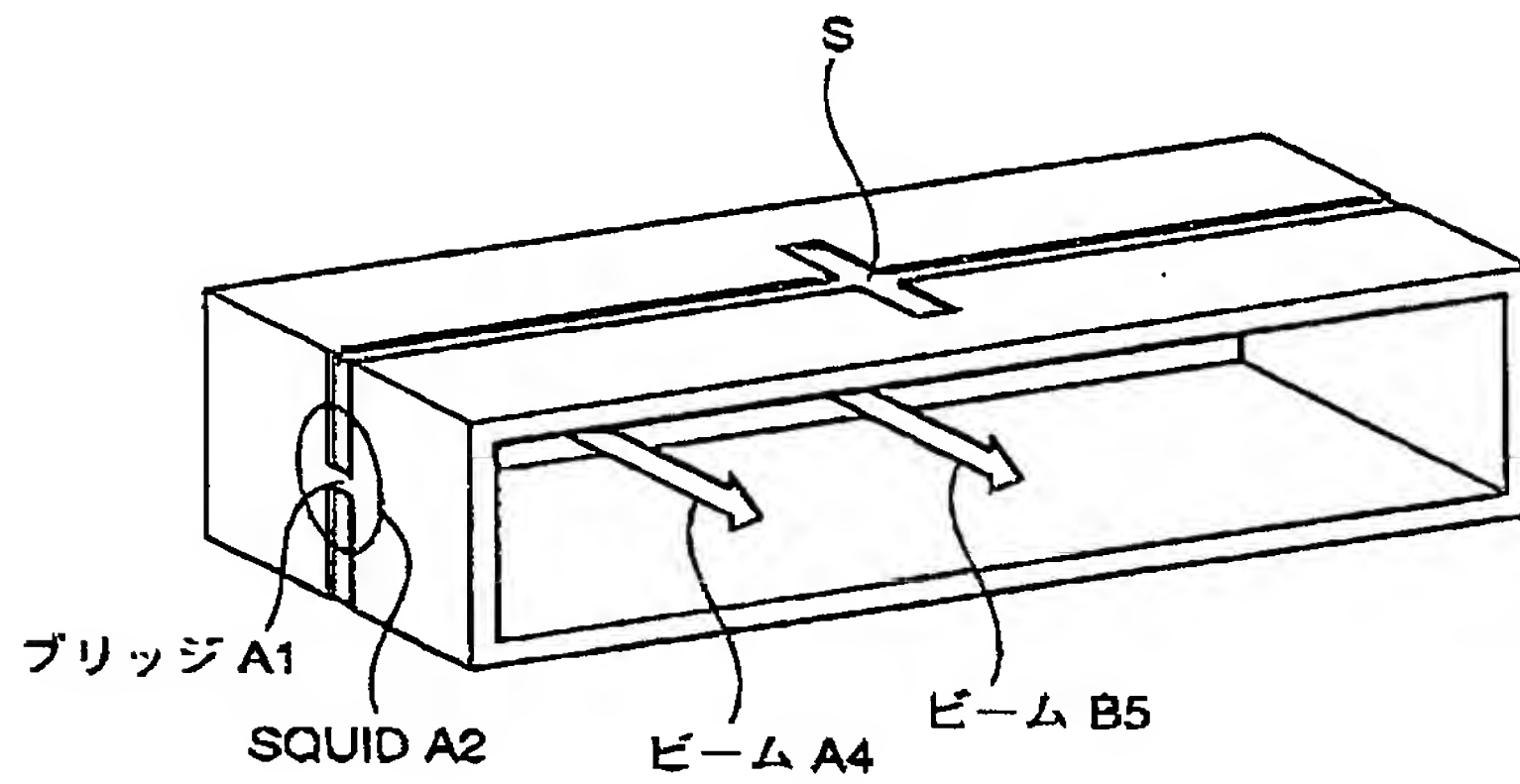


Fig. 8



(Fig. 7)

A1: bridge

B6: bridge

(Fig. 8)

A1: bridge

A4: beam

B5: beam

Fig 9 (a)

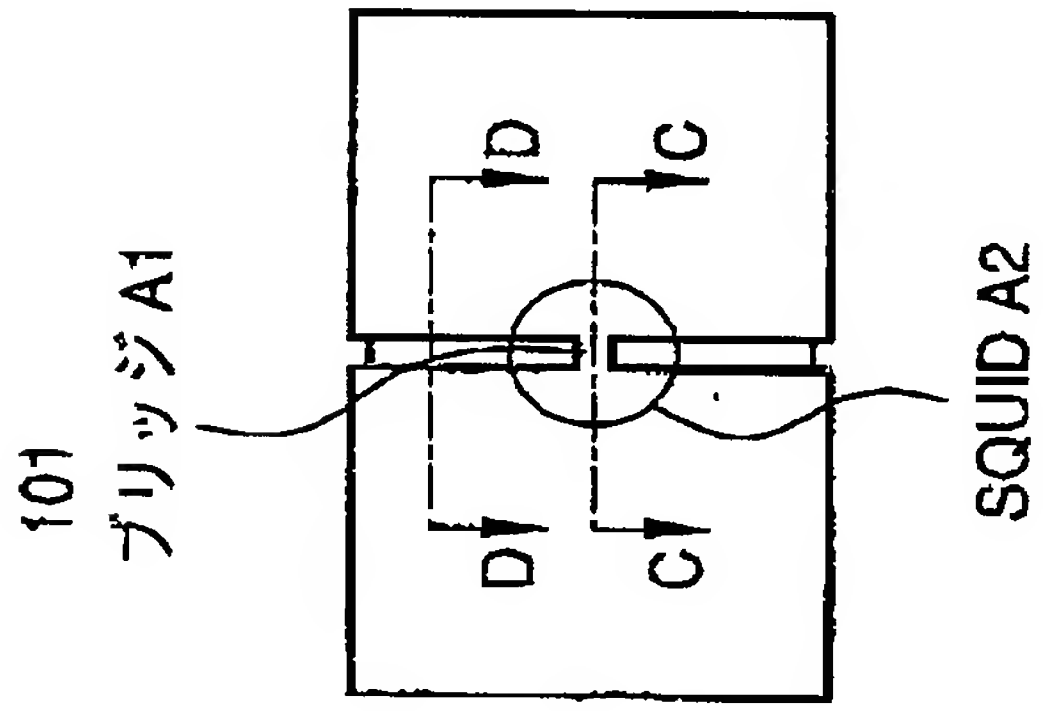
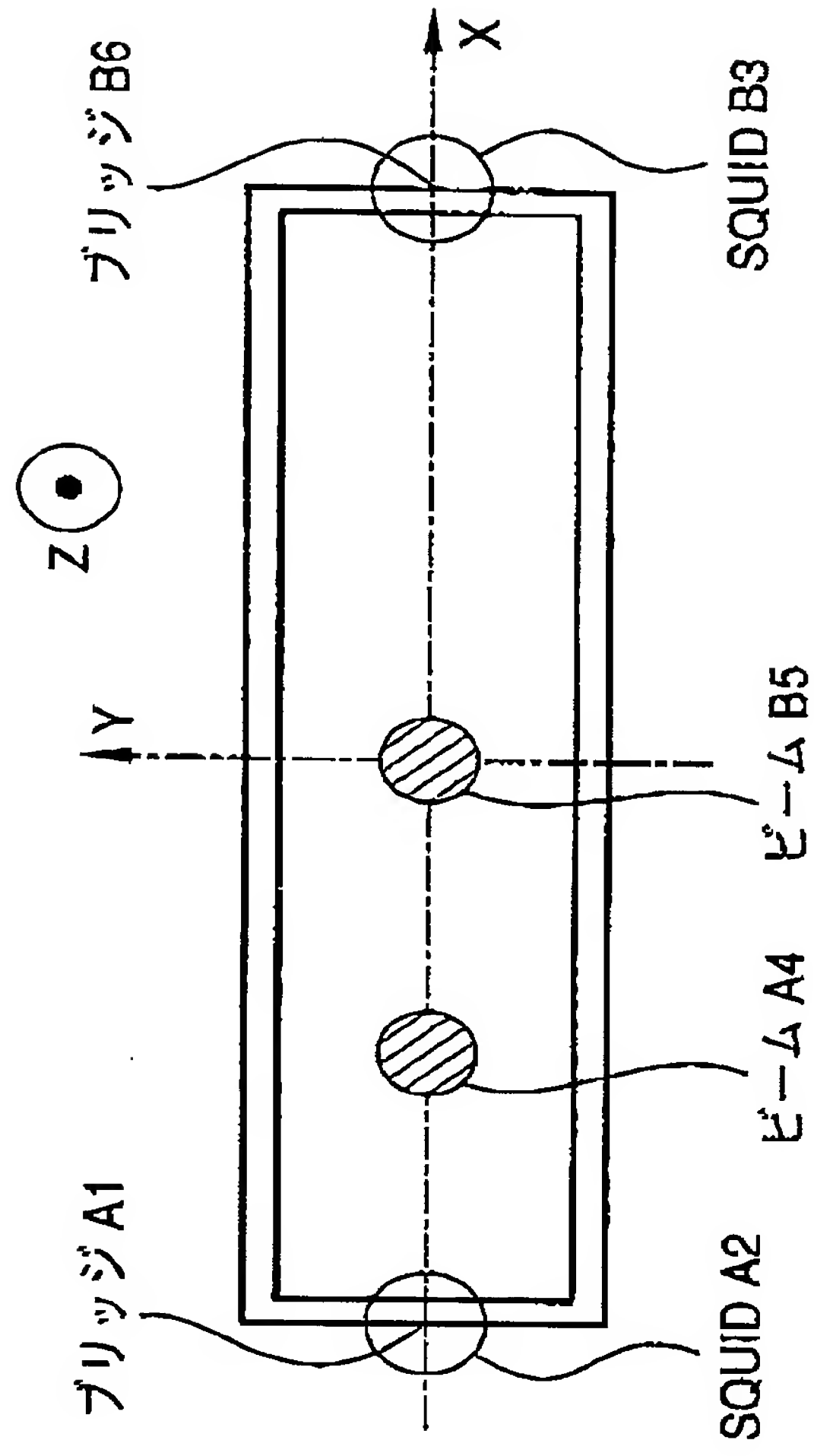


Fig 9 (b)



(Fig. 9)

(a)

A1: bridge

(b)

A1: bridge

A4: beam

B5: beam

B6: bridge



Fig. 10

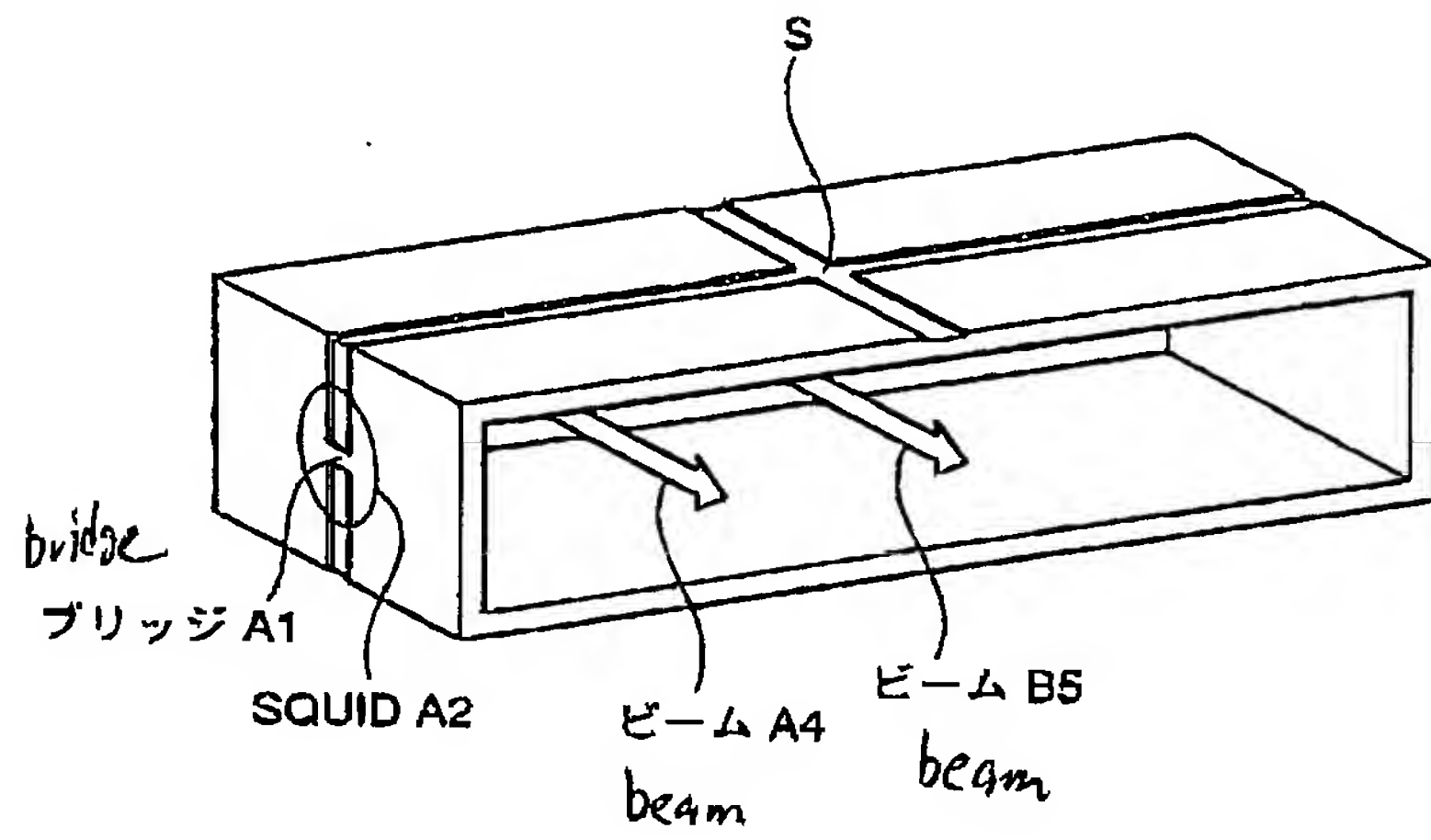


Fig. 11 (a)

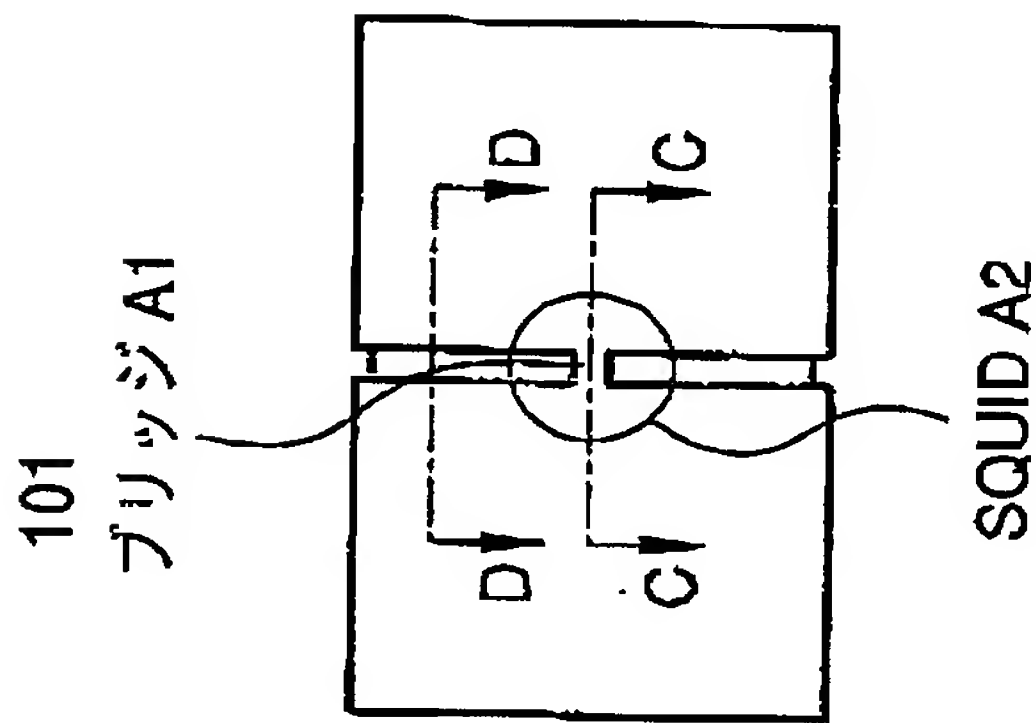
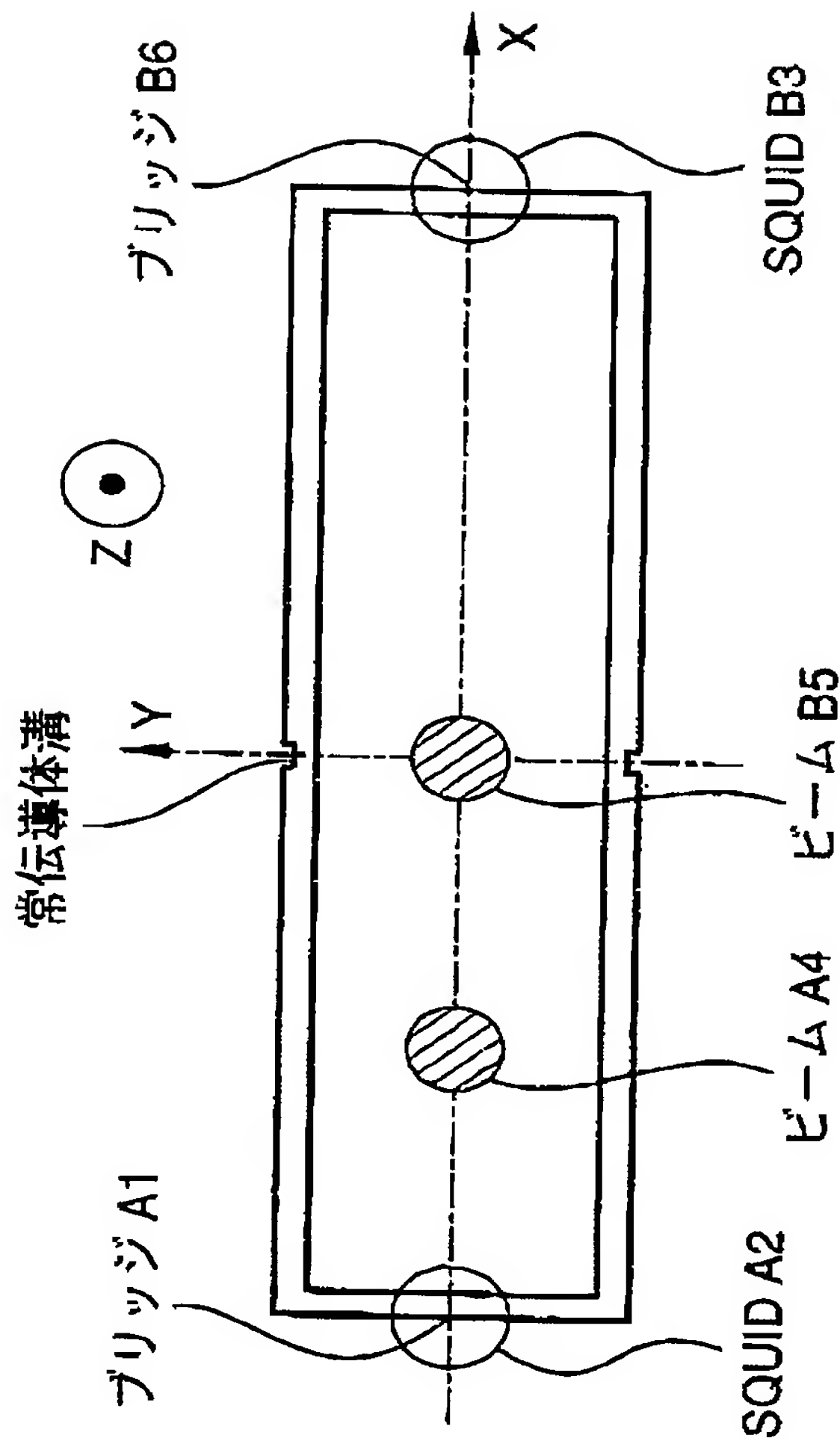


Fig. 11 (b)



(Fig. 11)

(a)

A1: bridge

(b)

A1: bridge

A4: beam

B5: beam

B6: bridge

常伝導体溝: normal conductor groove

Fig. 12

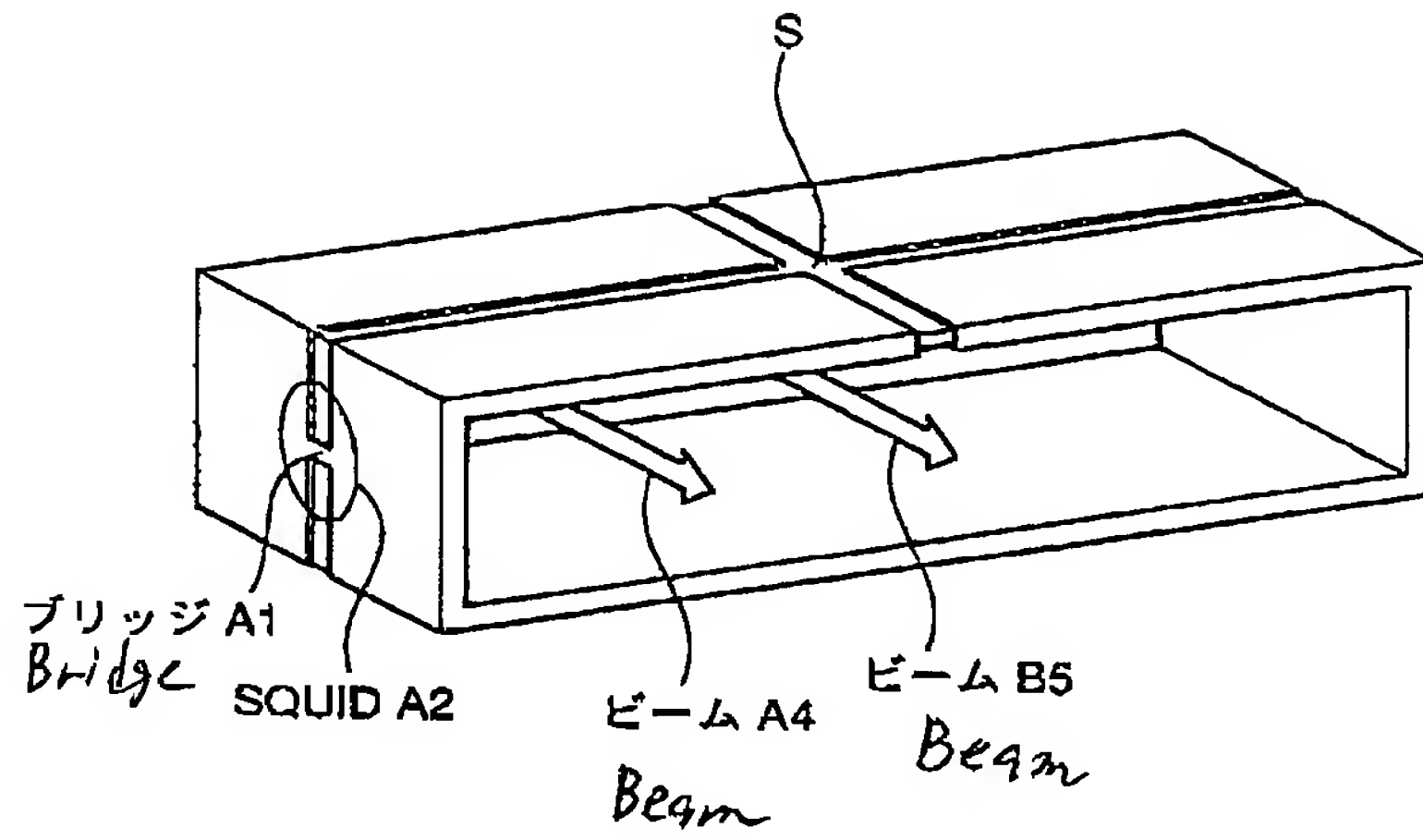
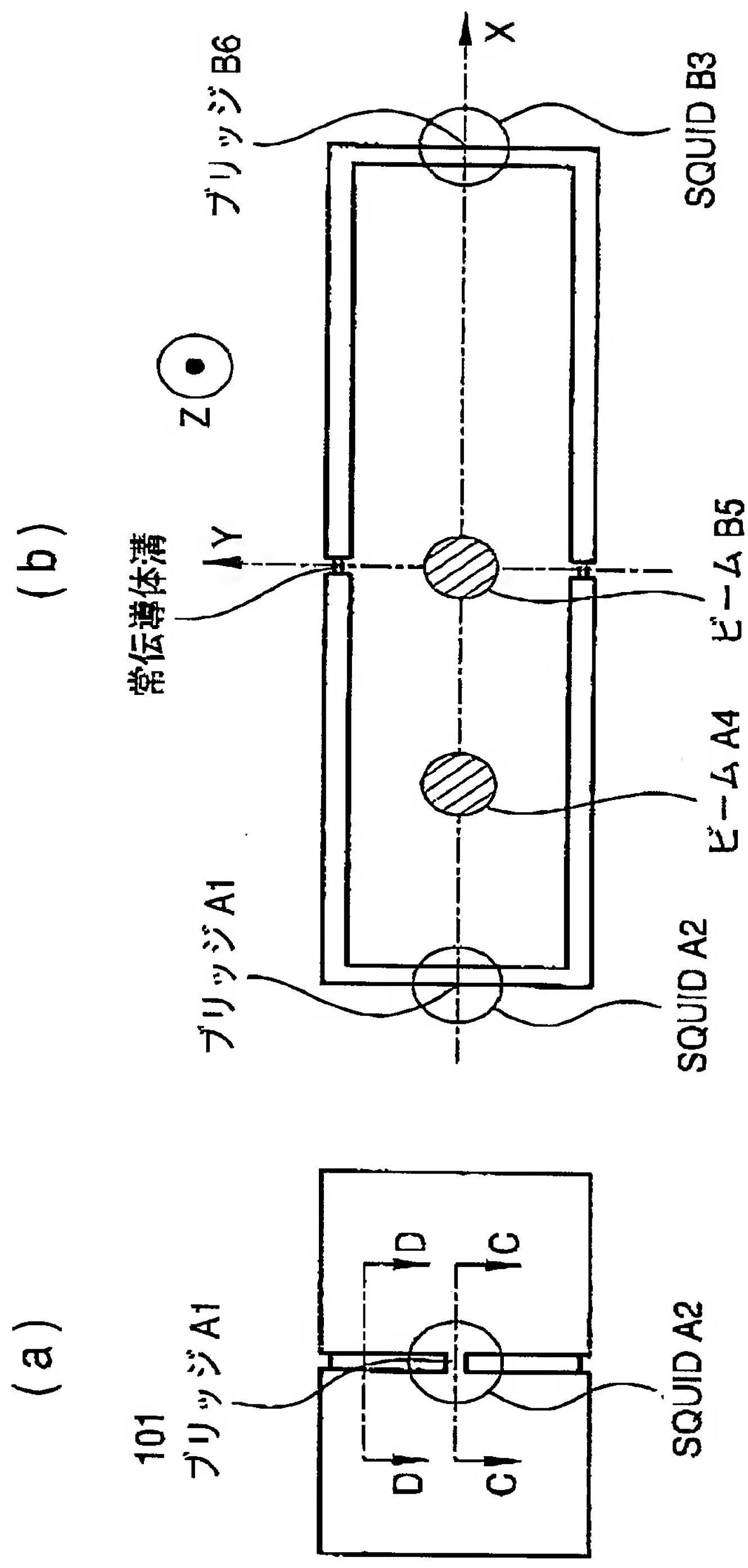


Fig. 13



(Fig. 13)

(a)

A1: bridge

(b)

A1: bridge

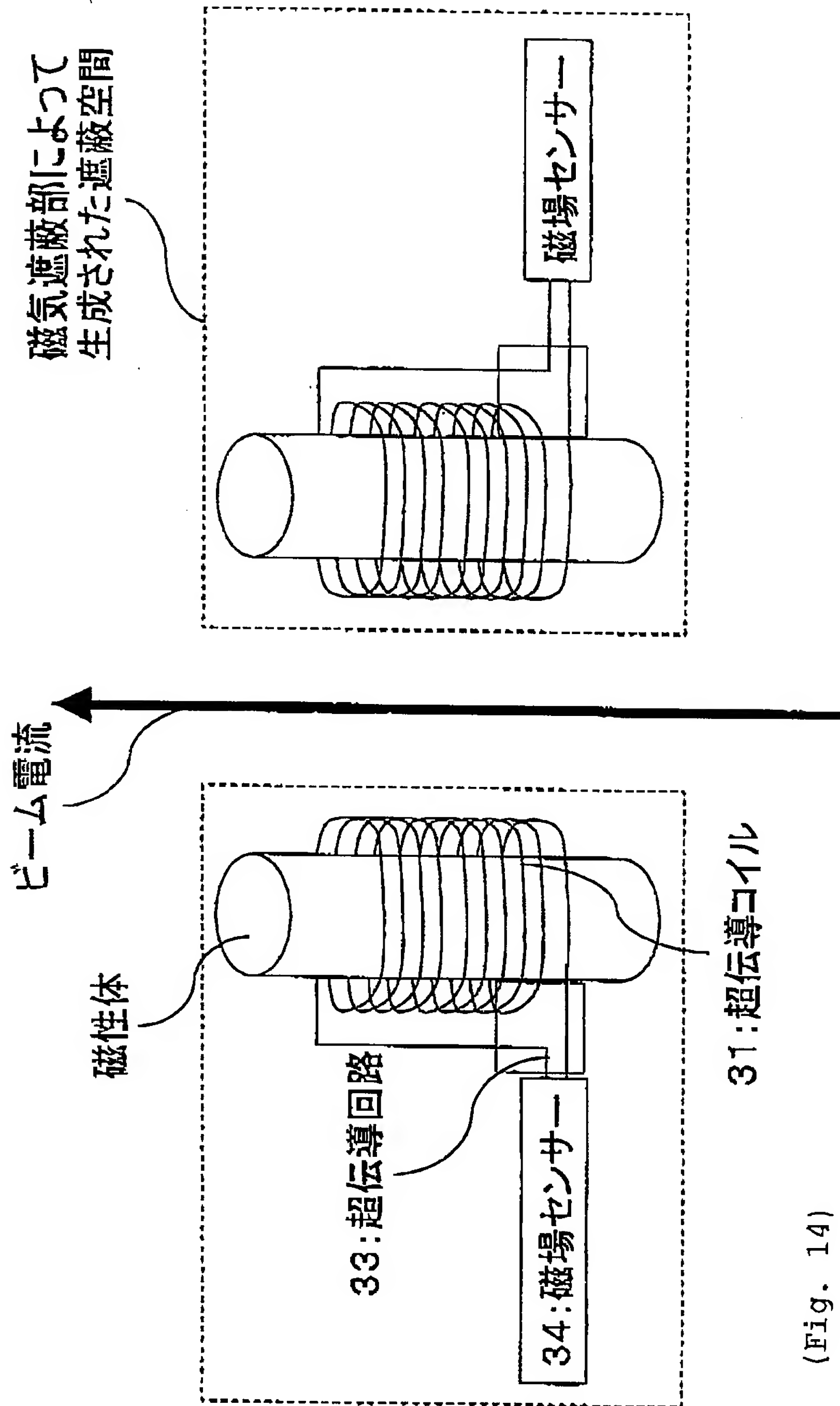
A4: beam

B5: beam

B6: bridge

常伝導体溝: normal conductor groove

Fig. 14



(Fig. 14)

31: superconductive coil

33: superconductive circuit

34: magnetic field sensor

磁性体: magnetic body

ビーム電流: beam current

磁場センサー: magnetic field sensor

磁気遮蔽部によって生成された遮蔽空間: shielding space which is formed by magnetic shielding part

Fig. 15

